

Nelson

RECEIVED Page 1 of 7

SEP 01 2003

TECH CENTER 1600/2000

1638

P#11

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/469,812

DATE: 08/24/2000
TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
Output Set: N:\CRF3\08232000\1469812.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Stuiver, Maarten
7 Ponstein, Anne
8 Ohl, Stephan
9 Goddijn, Oscar
10 Simons, Lambertus
11 Dekker, Bernardus
12 Hoekstra, Sietske
13 Tigelaar, Hendrik
14 Elzinga, Nicolas
16 (ii) TITLE OF INVENTION: Plasmids For Plant Transformation And
17 Method For Using The Same

19 (iii) NUMBER OF SEQUENCES: 19

21 (iv) CORRESPONDENCE ADDRESS:
22 (A) ADDRESSEE: Zeneca Ag Products Inc.
23 (B) STREET: 1800 Concord Pike
24 (C) CITY: Wilmington
25 (D) STATE: DE
26 (E) COUNTRY: USA
27 (F) ZIP: 19850

29 (v) COMPUTER READABLE FORM:

30 (A) MEDIUM TYPE: Floppy disk
31 (B) COMPUTER: IBM PC compatible
32 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
33 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

35 (vi) CURRENT APPLICATION DATA:

36 (A) APPLICATION NUMBER: US/09/469,812
37 (B) FILING DATE: 22-Dec-1999

38 (C) CLASSIFICATION:

41 (vii) PRIOR APPLICATION DATA:
42 (A) APPLICATION NUMBER: EP 97201990.5
45 (B) FILING DATE: 30-JUN-1997
46 (A) APPLICATION NUMBER: PCT/EP98/04171
48 (B) FILING DATE: 29-JUN-1998

49 (viii) ATTORNEY/AGENT INFORMATION:

50 (A) NAME: Hohenschutz, Lizza D.
51 (B) REGISTRATION NUMBER: 33,712
53 (C) REFERENCE/DOCKET NUMBER: MOG 57688/UST

54 (ix) TELECOMMUNICATION INFORMATION:

57 (2) INFORMATION FOR SEQ ID NO: 1:
59 (i) SEQUENCE CHARACTERISTICS:

60 (A) LENGTH: 21 base pairs
61 (B) TYPE: nucleic acid
62 (C) STRANDEDNESS: single
63 (D) TOPOLOGY: linear

RECEIVED

JULY 01 2003

ENTER 16007000

RAW SEQUENCE LISTING DATE: 08/24/2000
 PATENT APPLICATION: US/09/469,812 TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
 Output Set: N:\CRF3\08232000\I469812.raw

65 (ii) MOLECULE TYPE: cDNA
 67 (iii) HYPOTHETICAL: NO
 C--> 69 (iv) ANTI-SENSE: NO
 73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 75 GATGCCAAC GCTAATAAGG G 21
 77 (2) INFORMATION FOR SEQ ID NO: 2:
 79 (i) SEQUENCE CHARACTERISTICS:
 80 (A) LENGTH: 21 base pairs
 81 (B) TYPE: nucleic acid
 82 (C) STRANDEDNESS: single
 83 (D) TOPOLOGY: linear
 85 (ii) MOLECULE TYPE: cDNA
 87 (iii) HYPOTHETICAL: NO
 C--> 89 (iv) ANTI-SENSE: NO
 93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
 95 GAGCGGGTTT AACCTACTTC C 21
 97 (2) INFORMATION FOR SEQ ID NO: 3:
 99 (i) SEQUENCE CHARACTERISTICS:
 100 (A) LENGTH: 39 base pairs
 101 (B) TYPE: nucleic acid
 102 (C) STRANDEDNESS: single
 103 (D) TOPOLOGY: linear
 105 (ii) MOLECULE TYPE: cDNA
 107 (iii) HYPOTHETICAL: NO
 C--> 109 (iv) ANTI-SENSE: NO
 113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 115 CTGTTGTCGA CGGCTGGCTG GTGCCAGGAT ATATTGTGG 39
 117 (2) INFORMATION FOR SEQ ID NO: 4:
 119 (i) SEQUENCE CHARACTERISTICS:
 120 (A) LENGTH: 38 base pairs
 121 (B) TYPE: nucleic acid
 122 (C) STRANDEDNESS: single
 123 (D) TOPOLOGY: linear
 125 (ii) MOLECULE TYPE: cDNA
 127 (iii) HYPOTHETICAL: NO
 C--> 129 (iv) ANTI-SENSE: NO
 133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 135 CCAGCGCTCG ACAACAGCTC CCCGACCGGC AGCTCGGC 38
 137 (2) INFORMATION FOR SEQ ID NO: 5:
 139 (i) SEQUENCE CHARACTERISTICS:
 140 (A) LENGTH: 44 base pairs
 141 (B) TYPE: nucleic acid
 142 (C) STRANDEDNESS: single
 143 (D) TOPOLOGY: linear
 146 (ii) MOLECULE TYPE: cDNA
 148 (iii) HYPOTHETICAL: NO
 C--> 150 (iv) ANTI-SENSE: NO
 154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
 156 TCGACGGGCGT GCCTGGGGCG GTGCCGGGGC GGGCCGGGGC GTGC 44

RAW SEQUENCE LISTING DATE: 08/24/2000
 PATENT APPLICATION: US/09/469,812 TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
 Output Set: N:\CRF3\08232000\I469812.raw

```

158 (2) INFORMATION FOR SEQ ID NO: 6:                               DATE: 08/24/2000
159     (i) SEQUENCE CHARACTERISTICS:                               TIME: 16:01:01
160         (A) LENGTH: 44 base pairs
161         (B) TYPE: nucleic acid
162         (C) STRANDEDNESS: single
163         (D) TOPOLOGY: linear
164     (ii) MOLECULE TYPE: cDNA
165     (iii) HYPOTHETICAL: NO
166     (iv) ANTI-SENSE: NO
167     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
168 TCGAGCACGC CCCGGCCCGC CCCGCCACCG CCCCAGGCAC CCCG
169 (2) INFORMATION FOR SEQ ID NO: 7:                               44
170     (i) SEQUENCE CHARACTERISTICS:
171         (A) LENGTH: 23 base pairs
172         (B) TYPE: nucleic acid
173         (C) STRANDEDNESS: double
174         (D) TOPOLOGY: linear
175     (ii) MOLECULE TYPE: cDNA
176     (iii) HYPOTHETICAL: NO
177     (iv) ANTI-SENSE: NO
178     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
179 TTCTCGAGAG GGTGGTTAC TCG
180 (2) INFORMATION FOR SEQ ID NO: 8:                               23
181     (i) SEQUENCE CHARACTERISTICS:
182         (A) LENGTH: 23 base pairs
183         (B) TYPE: nucleic acid
184         (C) STRANDEDNESS: single
185         (D) TOPOLOGY: linear
186     (ii) MOLECULE TYPE: cDNA
187     (iii) HYPOTHETICAL: NO
188     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
189 TTGTCGACTC CAAGACGCCG AGC
190 (2) INFORMATION FOR SEQ ID NO: 9:                               23
191     (i) SEQUENCE CHARACTERISTICS:
192         (A) LENGTH: 28 base pairs
193         (B) TYPE: nucleic acid
194         (C) STRANDEDNESS: single
195         (D) TOPOLOGY: linear
196     (ii) MOLECULE TYPE: cDNA
197     (iii) HYPOTHETICAL: NO
198     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
199 AATTCAAGATC TCCATGGATC GATGAGCT
200 (2) INFORMATION FOR SEQ ID NO: 10:                               28
201     (i) SEQUENCE CHARACTERISTICS:
202         (A) LENGTH: 20 base pairs
203         (B) TYPE: nucleic acid
204         (C) STRANDEDNESS: single
205         (D) TOPOLOGY: linear
206     (ii) MOLECULE TYPE: cDNA

```

RAW SEQUENCE LISTING DATE: 08/24/2000
 PATENT APPLICATION: US/09/469,812 TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
 Output Set: N:\CRF3\08232000\I469812.raw

244 (iii) HYPOTHETICAL: NO
 248 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
 250 CATCGATCCA TGGAGATCTG 20
 252 (2) INFORMATION FOR SEQ ID NO: 11:
 254 (i) SEQUENCE CHARACTERISTICS:
 255 (A) LENGTH: 12 base pairs
 256 (B) TYPE: nucleic acid
 257 (C) STRANDEDNESS: single
 258 (D) TOPOLOGY: linear
 261 (ii) MOLECULE TYPE: cDNA
 263 (iii) HYPOTHETICAL: NO
 267 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
 269 GATCGGTCGA CC 12
 271 (2) INFORMATION FOR SEQ ID NO: 12:
 273 (i) SEQUENCE CHARACTERISTICS:
 274 (A) LENGTH: 23 base pairs
 275 (B) TYPE: nucleic acid
 276 (C) STRANDEDNESS: single
 277 (D) TOPOLOGY: linear
 279 (ii) MOLECULE TYPE: cDNA
 281 (iii) HYPOTHETICAL: NO
 285 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
 287 GACGCTAAAG GCAAACATTGA TTC 23
 289 (2) INFORMATION FOR SEQ ID NO: 13:
 291 (i) SEQUENCE CHARACTERISTICS:
 292 (A) LENGTH: 23 base pairs
 293 (B) TYPE: nucleic acid
 294 (C) STRANDEDNESS: single
 295 (D) TOPOLOGY: linear
 297 (ii) MOLECULE TYPE: cDNA
 299 (iii) HYPOTHETICAL: NO
 303 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
 305 TTAACCTACT TCCTTTGTT CCG 23
 307 (2) INFORMATION FOR SEQ ID NO: 14:
 309 (i) SEQUENCE CHARACTERISTICS:
 310 (A) LENGTH: 23 base pairs
 311 (B) TYPE: nucleic acid
 312 (C) STRANDEDNESS: single
 313 (D) TOPOLOGY: linear
 315 (ii) MOLECULE TYPE: cDNA
 317 (iii) HYPOTHETICAL: NO
 321 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
 323 AGCGGCCAT TTTAGTAGAC GGG 23
 325 (2) INFORMATION FOR SEQ ID NO: 15:
 327 (i) SEQUENCE CHARACTERISTICS:
 328 (A) LENGTH: 28 base pairs
 329 (B) TYPE: nucleic acid
 330 (C) STRANDEDNESS: single
 331 (D) TOPOLOGY: linear

RAW SEQUENCE LISTING DATE: 08/24/2000
 PATENT APPLICATION: US/09/469,812 TIME: 16:01:01

Input Set : A:\MOG57688 US SEQ LISTING .txt
 Output Set: N:\CRF3\08232000\I469812.raw

333 (ii) MOLECULE TYPE: cDNA		
335 (iii) HYPOTHETICAL: NO		
339 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:		
341 ATCAATTCTGA ACCCCAGAGT CCCGTCCA		28
343 (2) INFORMATION FOR SEQ ID NO: 16:		
345 (i) SEQUENCE CHARACTERISTICS:		
346 (A) LENGTH: 21 base pairs		
347 (B) TYPE: nucleic acid		
348 (C) STRANDEDNESS: single		
349 (D) TOPOLOGY: linear		
351 (ii) MOLECULE TYPE: cDNA		
353 (iii) HYPOTHETICAL: NO		
357 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:		
359 CTGGATCGTT TCGCATGATT G		21
361 (2) INFORMATION FOR SEQ ID NO: 17:		
363 (i) SEQUENCE CHARACTERISTICS:		
364 (A) LENGTH: 27 base pairs		
365 (B) TYPE: nucleic acid		
366 (C) STRANDEDNESS: single		
367 (D) TOPOLOGY: linear		
369 (ii) MOLECULE TYPE: cDNA		
371 (iii) HYPOTHETICAL: NO		
375 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:		
377 CCAACTATC AGTGATAAAG AATCCGC		27
380 (2) INFORMATION FOR SEQ ID NO: 18:		
382 (i) SEQUENCE CHARACTERISTICS:		
383 (A) LENGTH: 27 base pairs		
384 (B) TYPE: nucleic acid		
385 (C) STRANDEDNESS: single		
386 (D) TOPOLOGY: linear		
388 (ii) MOLECULE TYPE: cDNA		
390 (iii) HYPOTHETICAL: NO		
394 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:		
396 GAGATCAGAT TGTCCCTTCC CGCCTTC		27
399 (2) INFORMATION FOR SEQ ID NO: 19:		
401 (i) SEQUENCE CHARACTERISTICS:		
402 (A) LENGTH: 12 base pairs		
403 (B) TYPE: nucleic acid		
404 (C) STRANDEDNESS: single		
405 (D) TOPOLOGY: linear		
407 (ii) MOLECULE TYPE: cDNA		
411 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:		
413 TNCAATTGAA AY		12

VERIFICATION SUMMARY DATE: 08/24/2000
PATENT APPLICATION: US/09/469,812 TIME: 16:01:02

Input Set : A:\MOG57688 US SEQ LISTING .txt
Output Set: N:\CRF3\08232000\I469812.raw

L:36 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:69 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:89 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:109 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:129 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:150 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:170 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:190 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]